

# SCORE Search Results Details for Application 10519539 and Search Result 20090128\_195514\_us-10-519-539a-127.ra1.

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
<a href="#">Page</a>	<a href="#">List</a>	<a href="#">Overview</a>	<a href="#">FAQ</a>	<a href="#">Suggestions</a>

This page gives you Search Results detail for the Application 10519539 and Search Result 20090128\_195514\_us-10-519-539a-127.ra1.

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OM protein - protein search, using sw model

Run on: January 29, 2009, 05:28:15 ; Search time 118 Seconds  
(without alignments)  
57.170 Million cell updates/sec

Title: US-10-519-539A-127  
Perfect score: 159  
Sequence: 1 GSR CIRRRISILFFVFRVLR SRRVLRSAEIYES 33

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1246758 seqs, 204424702 residues

Total number of hits satisfying chosen parameters: 1246758

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_AA:\*  
1: /ABSS/Data/CRF/ptodata/2/iaa/5\_COMB.pep:\*  
2: /ABSS/Data/CRF/ptodata/2/iaa/6\_COMB.pep:\*  
3: /ABSS/Data/CRF/ptodata/2/iaa/7\_COMB.pep:\*  
4: /ABSS/Data/CRF/ptodata/2/iaa/H\_COMB.pep:\*  
5: /ABSS/Data/CRF/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
6: /ABSS/Data/CRF/ptodata/2/iaa/RE\_COMB.pep:\*  
7: /ABSS/Data/CRF/ptodata/2/iaa/backfiles1.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	% Query						Description
	Score	Match	Length	DB	ID		
1	54	34.0	248	2	US-09-902-540-15117		Sequence 15117, A
2	50	31.4	162	2	US-09-902-540-16022		Sequence 16022, A
3	50	31.4	247	3	US-09-252-691C-8784		Sequence 8784, Ap
4	50	31.4	377	3	US-09-540-209B-7761		Sequence 7761, Ap
5	49	30.8	276	3	US-10-703-032-115166		Sequence 115166,
6	48	30.2	350	2	US-09-107-532A-6978		Sequence 6978, Ap
7	48	30.2	430	3	US-10-768-158-44		Sequence 44, Appl
8	48	30.2	430	3	US-10-757-262-92		Sequence 92, Appl
9	48	30.2	626	2	US-09-949-016-8097		Sequence 8097, Ap
10	47	29.6	68	3	US-10-849-979-154		Sequence 154, App
11	47	29.6	68	3	US-10-100-683-6622		Sequence 6622, Ap
12	47	29.6	68	3	US-11-001-793-6622		Sequence 6622, Ap
13	47	29.6	149	2	US-09-270-767-38074		Sequence 38074, A
14	47	29.6	149	2	US-09-270-767-53291		Sequence 53291, A
15	46.5	29.2	38	3	US-10-703-032-145523		Sequence 145523,
16	46.5	29.2	158	3	US-10-703-032-128459		Sequence 128459,
17	46.5	29.2	421	2	US-09-248-796A-18254		Sequence 18254, A
18	46.5	29.2	700	3	US-10-181-277B-3		Sequence 3, Appli
19	46.5	29.2	700	3	US-11-804-557A-3		Sequence 3, Appli
20	46.5	29.2	814	3	US-10-181-277B-4		Sequence 4, Appli
21	46.5	29.2	814	3	US-10-369-493-1953		Sequence 1953, Ap
22	46.5	29.2	814	3	US-11-804-557A-4		Sequence 4, Appli
23	46.5	29.2	1912	2	US-09-495-714C-2		Sequence 2, Appli
24	46.5	29.2	1977	2	US-09-495-714C-4		Sequence 4, Appli
25	46.5	29.2	1985	2	US-09-495-714C-6		Sequence 6, Appli
26	46	28.9	191	3	US-10-703-032-184549		Sequence 184549,
27	46	28.9	216	2	US-09-270-767-56833		Sequence 56833, A
28	46	28.9	296	2	US-09-933-999A-35		Sequence 35, Appl
29	46	28.9	296	3	US-10-219-700-35		Sequence 35, Appl
30	46	28.9	296	3	US-10-968-317-35		Sequence 35, Appl
31	46	28.9	297	3	US-10-333-002-23		Sequence 23, Appl
32	46	28.9	297	3	US-10-474-776-244		Sequence 244, App
33	46	28.9	357	2	US-09-134-001C-4891		Sequence 4891, Ap
34	46	28.9	357	3	US-09-450-969-7352		Sequence 7352, Ap
35	46	28.9	357	3	US-10-724-972B-7352		Sequence 7352, Ap
36	46	28.9	815	2	US-09-328-352-4284		Sequence 4284, Ap
37	45.5	28.6	72	3	US-10-703-032-120605		Sequence 120605,
38	45.5	28.6	264	3	US-10-369-493-21571		Sequence 21571, A
39	45.5	28.6	1666	2	US-09-949-016-8322		Sequence 8322, Ap
40	45.5	28.6	1772	3	US-10-029-413A-16		Sequence 16, Appl
41	45.5	28.6	1968	1	US-07-745-206A-7		Sequence 7, Appli
42	45.5	28.6	1968	1	US-08-455-543A-45		Sequence 45, Appl
43	45.5	28.6	1968	1	US-08-223-305C-45		Sequence 45, Appl
44	45.5	28.6	1968	1	US-08-311-363-7		Sequence 7, Appli
45	45.5	28.6	2161	1	US-07-745-206A-2		Sequence 2, Appli

## ALIGNMENTS

## RESULT 1

US-09-902-540-15117  
 ; Sequence 15117, Application US/09902540  
 ; Patent No. 6833447  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Goldman, Barry S.  
 ; APPLICANT: Hinkle, Gregory J.  
 ; APPLICANT: Slater, Steven C.  
 ; APPLICANT: Wiegand, Roger C.  
 ; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof  
 ; FILE REFERENCE: 38-10(15849)B  
 ; CURRENT APPLICATION NUMBER: US/09/902,540  
 ; CURRENT FILING DATE: 2001-07-10  
 ; PRIOR APPLICATION NUMBER: 60/217,883  
 ; PRIOR FILING DATE: 2000-07-10  
 ; NUMBER OF SEQ ID NOS: 16825  
 ; SEQ ID NO 15117  
 ; LENGTH: 248  
 ; TYPE: PRT  
 ; ORGANISM: Myxococcus xanthus  
 US-09-902-540-15117

Query Match 34.0%; Score 54; DB 2; Length 248;  
 Best Local Similarity 50.0%; Pred. No. 1.9;  
 Matches 11; Conservative 4; Mismatches 7; Indels 0; Gaps 0;

Qy 1 GSR CIRRRISILFFVFRVLRSR 22  
 || |:|: :|| || ||:|  
 Db 77 GSAIPRKRLDVLFAVFAALRAR 98

## RESULT 2

US-09-902-540-16022  
 ; Sequence 16022, Application US/09902540  
 ; Patent No. 6833447  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Goldman, Barry S.  
 ; APPLICANT: Hinkle, Gregory J.  
 ; APPLICANT: Slater, Steven C.  
 ; APPLICANT: Wiegand, Roger C.  
 ; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof  
 ; FILE REFERENCE: 38-10(15849)B  
 ; CURRENT APPLICATION NUMBER: US/09/902,540  
 ; CURRENT FILING DATE: 2001-07-10  
 ; PRIOR APPLICATION NUMBER: 60/217,883  
 ; PRIOR FILING DATE: 2000-07-10  
 ; NUMBER OF SEQ ID NOS: 16825  
 ; SEQ ID NO 16022  
 ; LENGTH: 162  
 ; TYPE: PRT  
 ; ORGANISM: Myxococcus xanthus  
 US-09-902-540-16022

Query Match 31.4%; Score 50; DB 2; Length 162;  
 Best Local Similarity 44.4%; Pred. No. 5.3;  
 Matches 16; Conservative 6; Mismatches 10; Indels 4; Gaps 2;

Qy 2 SRCIRRRIS-ILFFVFRVL---RSRRVLSAEIYES 33  
 | ||:|:: || | | |:|||| ::|| |  
 Db 49 SDVIRQVRVAGALFKPFEEALLYARARRVLATSEAYVS 84

## RESULT 3

US-09-252-691C-8784

; Sequence 8784, Application US/09252691C

; Patent No. 7041814

; GENERAL INFORMATION:

; APPLICANT: Keith G. Weinstock et al.

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROBACTER

; TITLE OF INVENTION: CLOACAE FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 107196.135

; CURRENT APPLICATION NUMBER: US/09/252,691C

; CURRENT FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: US 60/094,145

; PRIOR FILING DATE: 1998-07-24

; PRIOR APPLICATION NUMBER: US 60/074,787

; PRIOR FILING DATE: 1998-02-18

; NUMBER OF SEQ ID NOS: 11326

; SEQ ID NO 8784

; LENGTH: 247

; TYPE: PRT

; ORGANISM: Enterobacter cloacae

US-09-252-691C-8784

Query Match 31.4%; Score 50; DB 3; Length 247;  
 Best Local Similarity 35.5%; Pred. No. 8.6;  
 Matches 11; Conservative 8; Mismatches 12; Indels 0; Gaps 0;

Qy 2 SRCIRRRISILFFVFRVLSRRRVLSAEIYE 32  
 |: :|| || : :|| ||: :| : |  
 Db 19 SKPMTRADRLFQIVQILRGRRLLTTAAHLAE 49

## RESULT 4

US-09-540-209B-7761

; Sequence 7761, Application US/09540209B

; Patent No. 7090973

; GENERAL INFORMATION:

; APPLICANT: Gary L. Breton

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO BACTEROIDES FRAGILIS

; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 2709.1001-001

; CURRENT APPLICATION NUMBER: US/09/540,209B

; CURRENT FILING DATE: 2000-04-04

; NUMBER OF SEQ ID NOS: 10444

; SEQ ID NO 7761

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;   LENGTH: 377
;   TYPE: PRT
;   ORGANISM: B.fragilis
US-09-540-209B-7761
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Query Match          31.4%;   Score 50;   DB 3;   Length 377;
Best Local Similarity 31.7%;   Pred. No. 14;
Matches   13;   Conservative    5;   Mismatches   15;   Indels      8;   Gaps      1;
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```
Qy          1  GSRCIRRRISILFFVFRVLR-----SRRVLRSAEIIYES 33
             ||||| : ||: :| ||:| : | |
Db          275 GSRCFRMLVGFSPFFIHLELVGYWYPGSPRRLLATFSISSS 315
```

## RESULT 5

```
US-10-703-032-115166
; Sequence 115166, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(533/4)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 115166
;   LENGTH: 276
;   TYPE: PRT
;   ORGANISM: Triticum aestivum
;   FEATURE:
;   NAME/KEY: unsure
;   LOCATION: (1)..(276)
;   OTHER INFORMATION: unsure at all Xaa locations
;   FEATURE:
;   OTHER INFORMATION: Clone ID: PAT_TA_9584.pep
US-10-703-032-115166
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Query Match          30.8%;   Score 49;   DB 3;   Length 276;
Best Local Similarity 52.4%;   Pred. No. 14;
Matches   11;   Conservative    5;   Mismatches    5;   Indels      0;   Gaps      0;
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```
Qy          9  ISILFFVFRVLRSSRRVLRSAE 29
             :||:| | ||:| : ||||
Db          38 LSIIFAVAAVLKARSLKRSAAE 58
```

## RESULT 6

US-09-107-532A-6978

; Sequence 6978, Application US/09107532A

; Patent No. 6583275

; GENERAL INFORMATION:

; APPLICANT: Lynn A Doucette-Stamm and David Bush

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO

; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS

; NUMBER OF SEQUENCES: 7310

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: GENOME THERAPEUTICS CORPORATION

; STREET: 100 Beaver Street

; CITY: Waltham

; STATE: Massachusetts

; COUNTRY: USA

; ZIP: 02354

; COMPUTER READABLE FORM:

; MEDIUM TYPE: CD-ROM ISO9660

; COMPUTER: PC

; OPERATING SYSTEM: &lt;Unknown&gt;

; SOFTWARE: ASCII

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/107,532A

; FILING DATE: 30-Jun-1998

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/085,598

; FILING DATE: 14 May 1998

; APPLICATION NUMBER: 60/051571

; FILING DATE: July 2, 1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Ariniello, Pamela Deneke

; REGISTRATION NUMBER: 40,489

; REFERENCE/DOCKET NUMBER: GTC-012

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (781)893-5007

; TELEFAX: (781)893-8277

; INFORMATION FOR SEQ ID NO: 6978:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 350 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; HYPOTHETICAL: YES

; ORIGINAL SOURCE:

; ORGANISM: Enterococcus faecium

; FEATURE:

; NAME/KEY: misc\_feature

; LOCATION: (B) LOCATION 1...350

; SEQUENCE DESCRIPTION: SEQ ID NO: 6978:

US-09-107-532A-6978

Query Match 30.2%; Score 48; DB 2; Length 350;

Best Local Similarity 35.7%; Pred. No. 28;

Matches 10; Conservative 8; Mismatches 10; Indels 0; Gaps 0;

Qy 3 RCIRRRISILFFVFRVLSRRVLSAEI 30  
 | |::| ::| | :| || || : ::  
 Db 86 RTFRKKIGMIFQHFNLLWSRTVLENIQL 113

## RESULT 7

US-10-768-158-44

; Sequence 44, Application US/10768158

; Patent No. 7169751

; GENERAL INFORMATION:

; APPLICANT: Millennium Pharmaceuticals, Inc.

; APPLICANT: Silos-Santiago, Inmaculada

; APPLICANT: Karicheti, Venkateswarlu

; APPLICANT: Eliasof, Scott D.

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING

; TITLE OF INVENTION: PAIN AND PAINFUL DISORDERS USING 16386, 15402, 21165, 1423,

; TITLE OF INVENTION: 636, 12303, 21425, 27410, 38554, 38555, 55063, 57145, 59914,

; TITLE OF INVENTION: 94921, 16852, 33260, 58573, 30911, 85913, 14303, 16816,

; TITLE OF INVENTION: 17827 OR 32620

; FILE REFERENCE: MPI03-012P1RNOMNIM

; CURRENT APPLICATION NUMBER: US/10768,158

; CURRENT FILING DATE: 2004-01-30

; PRIOR APPLICATION NUMBER: US 60/444,781

; PRIOR FILING DATE: 2003-02-04

; PRIOR APPLICATION NUMBER: US 60/452,291

; PRIOR FILING DATE: 2003-03-05

; PRIOR APPLICATION NUMBER: US 60/454,540

; PRIOR FILING DATE: 2003-03-13

; PRIOR APPLICATION NUMBER: US 60/478,805

; PRIOR FILING DATE: 2003-06-16

; PRIOR APPLICATION NUMBER: US 60/491,048

; PRIOR FILING DATE: 2003-07-30

; NUMBER OF SEQ ID NOS: 46

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 44

; LENGTH: 430

; TYPE: PRT

; ORGANISM: Homo Sapiens

US-10-768-158-44

Query Match 30.2%; Score 48; DB 3; Length 430;

Best Local Similarity 43.5%; Pred. No. 35;

Matches 10; Conservative 5; Mismatches 8; Indels 0; Gaps 0;

Qy 5 IRRISILFFVFRVLSRRVLS 27  
 : | ||:| |: | | |:: ||  
 Db 165 LERIISLLAFIMRACRERQLRRS 187

## RESULT 8

US-10-757-262-92

; Sequence 92, Application US/10757262

```

; Patent No. 7258971
; GENERAL INFORMATION:
; APPLICANT: Karicheti, Venkateswarlu
; APPLICANT: Silos-Santiago, Inmaculada
; APPLICANT: Eliasof, Scott D.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING
; TITLE OF INVENTION: UROLOGICAL DISORDERS USING 44390, 54181, 211, 5687, 884,
; TITLE OF INVENTION: 1405, 636, 4421, 5410, 30905, 2045, 16405, 18560, 2047,
; TITLE OF INVENTION: 33751, 52872, 14063, 20739, 32544, 43239, 44373, 51164,
; TITLE OF INVENTION: 53010, 16852, 1587, 2207, 22245, 2387, 52908, 69112, 14990,
; TITLE OF INVENTION: 18547, 115, 579, 15985, 15625, 760, 18603, 2395, 2554, 8675,
; TITLE OF INVENTION: 32720, 4809, 14303, 16816, 17827, 32620, 577, 619, 1423,
; TITLE OF INVENTION: 2158, 8263, 15402, 16209, 16386, 21165, 30911, 41897, 1643,
; TITLE OF INVENTION: 2543, 9626, 13231, 32409, 84260, 2882, 8203, 32678 OR
; TITLE OF INVENTION: 55053
; FILE REFERENCE: MPI03-00/P1RNMNIM
; CURRENT APPLICATION NUMBER: US/10/757,262
; CURRENT FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 60/440,318
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 60/444,783
; PRIOR FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: US 60/457,901
; PRIOR FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/468,775
; PRIOR FILING DATE: 2003-05-08
; PRIOR APPLICATION NUMBER: US 60/471,614
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US 60/478,742
; PRIOR FILING DATE: 2003-06-16
; PRIOR APPLICATION NUMBER: US 60/488,529
; PRIOR FILING DATE: 2003-07-18
; PRIOR APPLICATION NUMBER: US 60/491,156
; PRIOR FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US 60/499,594
; PRIOR FILING DATE: 2003-09-02
; PRIOR APPLICATION NUMBER: US 60/506,332
; PRIOR FILING DATE: 2003-09-26
; NUMBER OF SEQ ID NOS: 136
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 430
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-757-262-92

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Query Match          30.2%; Score 48; DB 3; Length 430;
Best Local Similarity 43.5%; Pred. No. 35;
Matches 10; Conservative 5; Mismatches 8; Indels 0; Gaps 0;

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Qy      5 IRRISILFFVFRVLRSSRVLR 27
      : | ||: | |: | | |: ||
Db     165 LERIISLLAFIMRACRERQLRRS 187

```



## RESULT 9

US-09-949-016-8097

; Sequence 8097, Application US/09949016

; Patent No. 6812339

; GENERAL INFORMATION:

; APPLICANT: VENTER, J. Craig et al.

; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED

; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

; FILE REFERENCE: CL001307

; CURRENT APPLICATION NUMBER: US/09/949,016

; CURRENT FILING DATE: 2000-04-14

; PRIOR APPLICATION NUMBER: 60/241,755

; PRIOR FILING DATE: 2000-10-20

; PRIOR APPLICATION NUMBER: 60/237,768

; PRIOR FILING DATE: 2000-10-03

; PRIOR APPLICATION NUMBER: 60/231,498

; PRIOR FILING DATE: 2000-09-08

; NUMBER OF SEQ ID NOS: 207012

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 8097

; LENGTH: 626

; TYPE: PRT

; ORGANISM: Human

US-09-949-016-8097

Query Match 30.2%; Score 48; DB 2; Length 626;

Best Local Similarity 69.2%; Pred. No. 54;

Matches 9; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 2 SRCIRRRISILFF 14

||| ||| |: ||

Db 110 SRCRRRSSVAFF 122

## RESULT 10

US-10-849-979-154

; Sequence 154, Application US/10849979

; Patent No. 7247442

; GENERAL INFORMATION:

; APPLICANT: Ruben et. al.

; TITLE OF INVENTION: 97 Human secreted proteins

; FILE REFERENCE: P2028P2

; CURRENT APPLICATION NUMBER: US/10/849,979

; CURRENT FILING DATE: 2004-05-21

; PRIOR APPLICATION NUMBER: US/09/948,783

; PRIOR FILING DATE: 2001-09-10

; PRIOR APPLICATION NUMBER: 60/231,846

; PRIOR FILING DATE: 2000-09-11

; PRIOR APPLICATION NUMBER: 09/892,877

; PRIOR FILING DATE: 2001-06-28

; PRIOR APPLICATION NUMBER: 09/437,658

; PRIOR FILING DATE: 1999-11-10

; PRIOR APPLICATION NUMBER: PCT/US99/09847

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; PRIOR FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: 60/085,093
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085,094
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085,105
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085,180
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/085,927
; PRIOR FILING DATE: 1998-05-18
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 465
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 154
; LENGTH: 68
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-849-979-154
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Query Match          29.6%; Score 47; DB 3; Length 68;
Best Local Similarity 33.3%; Pred. No. 6;
Matches      9; Conservative      7; Mismatches    11; Indels      0; Gaps      0;
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Qy      1 GSR CIRRRISILFFVFRVLR SRRVLR S 27
      ||| ::      :|| :| : : |||:
Db      4 GSRIVKALFFLLFCIFHIWYNEHVLRT 30
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## RESULT 11

US-10-100-683-6622

```
; Sequence 6622, Application US/10100683
; Patent No. 7368531
; GENERAL INFORMATION:
; APPLICANT: Rosen, et al.
; TITLE OF INVENTION: Human Secreted Proteins
; FILE REFERENCE: PS900
; CURRENT APPLICATION NUMBER: US/10/100,683
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: US 60/040,162
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: US 60/043,576
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: US 60/047,601
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: US 60/056,845
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: US 60/043,580
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: US 60/047,599
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: US 60/056,664
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: US 60/043,314
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; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: US 60/047,632
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: US 60/056,892
; PRIOR FILING DATE: 1997-08-22
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 13468
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6622
;   LENGTH: 68
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-10-100-683-6622
```

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Query Match          29.6%; Score 47; DB 3; Length 68;
Best Local Similarity 33.3%; Pred. No. 6;
Matches      9; Conservative      7; Mismatches    11; Indels      0; Gaps      0;
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Qy      1 GSR CIRRRISILFFVFRVLR SRRVLR 27
      ||| :: :|| :| : : |||:
Db      4 GSRIVKALFFLLFCIFHIWYNEHVLRT 30
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## RESULT 12

US-11-001-793-6622

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; Sequence 6622, Application US/11001793
; Patent No. 7411051
; GENERAL INFORMATION:
; APPLICANT: Rosen, et al.
; TITLE OF INVENTION: Human Secreted Proteins
; FILE REFERENCE: PS900
; CURRENT APPLICATION NUMBER: US/11/001,793
; CURRENT FILING DATE: 2004-12-02
; PRIOR APPLICATION NUMBER: US/10/100,683
; PRIOR FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: US 60/040,162
; PRIOR FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: US 60/043,576
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: US 60/047,601
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: US 60/056,845
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: US 60/043,580
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: US 60/047,599
; PRIOR FILING DATE: 1997-05-23
; PRIOR APPLICATION NUMBER: US 60/056,664
; PRIOR FILING DATE: 1997-08-22
; PRIOR APPLICATION NUMBER: US 60/043,314
; PRIOR FILING DATE: 1997-04-11
; PRIOR APPLICATION NUMBER: US 60/047,632
; PRIOR FILING DATE: 1997-05-23
; Remaining Prior Application data removed - See File Wrapper or PALM.
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; NUMBER OF SEQ ID NOS: 13468
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6622
; LENGTH: 68
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-001-793-6622
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Query Match          29.6%; Score 47; DB 3; Length 68;
Best Local Similarity 33.3%; Pred. No. 6;
Matches      9; Conservative    7; Mismatches    11; Indels      0; Gaps      0;
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Qy      1 GSR CIRRRISILFFVFRVLSRRVLRS 27
        ||| :: :|| :| : : |||
Db      4 GSRIVKALFFLLFCIFHIWYNEHVLRT 30
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## RESULT 13

US-09-270-767-38074

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; Sequence 38074, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 38074
; LENGTH: 149
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-38074
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Query Match          29.6%; Score 47; DB 2; Length 149;
Best Local Similarity 28.1%; Pred. No. 15;
Matches      9; Conservative   14; Mismatches     5; Indels      4; Gaps      1;
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Qy      6 RRRISILFFVFRVLSRRVL----RSAEIYES 33
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Db     11 RKNILLIAFVSRIGKSRKILVLTGKTSQIFQN 42
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## RESULT 14

US-09-270-767-53291

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; Sequence 53291, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
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; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 53291
; LENGTH: 149
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-53291

```

```

Query Match          29.6%; Score 47; DB 2; Length 149;
Best Local Similarity 28.1%; Pred. No. 15;
Matches 9; Conservative 14; Mismatches 5; Indels 4; Gaps 1;

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Qy      6 RRRISILFFVFRVLRSRRLV----RSEAIYES 33
      |: | :: || |: :||::|      :::|:::
Db     11 RKNILLIAFVSRIGKSRKILVLTGKTSQIFQN 42

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RESULT 15
US-10-703-032-145523
; Sequence 145523, Application US/10/703032
; Patent No. 7214786
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(533/4)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 145523
; LENGTH: 38
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_39941.pep
US-10-703-032-145523

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Query Match          29.2%; Score 46.5; DB 3; Length 38;
Best Local Similarity 35.5%; Pred. No. 3.7;
Matches 11; Conservative 9; Mismatches 6; Indels 5; Gaps 2;

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Qy	2	SRCI----	RRRISILFFVFRVLSRRVLRSA	28
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Db	1	TRCVVINFVHRI-	LMIFLFKVFRKRKKIRSS	30

Search completed: January 29, 2009, 05:30:13  
Job time : 118 secs

SCORE 6.6